

## BEAD RELEASE DEVICE FOR TIRE REMOVAL MACHINES

### ABSTRACT OF THE INVENTION

A bead release device (1) for tire removal machines (100), comprising:

- 5    - a movable arm (2) having a first end (3) removably associated with a base (4);
  - a positionable bead release tool (6) associated with a second end (5) of the arm (2) distant from said first end (3), to release the tire bead of a wheel resting on a support surface (8);
  - 10   - manipulator means (10) for moving said arm (2) within a plane of swivel of the arm (2) lying perpendicular to the base (4);
- said first end (3) of the arm (2) being associated with the base (4) by means of a locking and release system (12) enabling said first end (3) of the arm (2) to undergo movement, said movement rotating said plane of
- 15   swivel of the arm (2) about an axis of rotation lying within said plane of swivel and positioned substantially perpendicular to said base (4). (Figure 1)